



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Pella Corporation
 102 Main Street
 Pella, IA 50219

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "350 HurricaneShield® 4½" Vinyl" White PVC Single Hung Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. PELL0029, series titled "350 4½" Vinyl Single Hung Window - Impact", sheets 1 through 14 of 14, dated 01/04/13, with revision B dated 09/28/15, prepared by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA No. 13-0115.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P. E.



MP
 10/29/15

NOA No. 15-0401.03
 Expiration Date: July 04, 2018
 Approval Date: November 05, 2015
 Page 1

Pella Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 13-0115.02)
2. Drawing No. **PELL0029**, titled "350 4½" Vinyl Single Hung Window - Impact", sheets 1 through 14 of 14, dated 01/04/13, with revision **B** dated 09/28/15, prepared by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94along with marked-up drawings and installation diagram of a series 350 vinyl single hung window, prepared by Element Materials Technology, Des Moines, Test Report No. **ESP010527P. Dade.REV3**, dated 09/29/12, and revised on 12/29/12, signed and sealed by Jason R. Steen, P.E.
(Submitted under previous NOA No. 13-0115.02)

C. CALCULATIONS

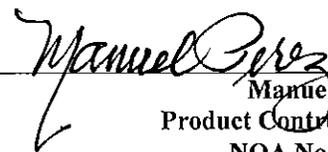
1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 03/06/15 and revised on 09/28/15, prepared by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** for their "**Butacite® PVB Glass Interlayer**" dated 04/25/15, expiring on 12/11/16.
2. Notice of Acceptance No. **12-1017.02** issued to **Quanex Building Products, Inc.** for "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/07/13, expiring on 12/26/16.
3. Notice of Acceptance No. **13-0425.15** issued to **Quanex Building Products, Inc.** for "**Antique Bronze Super Coated White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 06/20/13, expiring on 12/26/16.



Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0401.03

Expiration Date: July 04, 2018
Approval Date: November 05, 2015

Pella Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated March 24, 2015, issued by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E.
2. Laboratory compliance letters for Test Report No. **ESP010527P. Dade.REV3**, dated 09/29/12, issued by Element Materials Technology, Des Moines, signed and sealed by Jason R. Steen, P.E.
(Submitted under previous NOA No. 13-0115.02)
3. Proposal No. **12-0115** issued by Product Control, dated 03/06/12, signed by Manuel Perez, P.E.
(Submitted under previous NOA No. 13-0115.02)

G. OTHERS

1. Notice of Acceptance No. **13-0115.02**, issued to Pella Corporation for their Series "350 HurricaneShield® 4½" Vinyl" White PVC Single Hung Window - L.M.I., approved on 07/04/13 and expiring on 07/04/18.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0401.03

Expiration Date: July 04, 2018
Approval Date: November 05, 2015

PELLA CORPORATION

SERIES 350 4-1/2" VINYL SINGLE HUNG WINDOW - IMPACT

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED, EVALUATED AND DESIGNED TO THE DESIGN PRESSURE(S) STATED HEREIN AS FOLLOWS.
 - 1.1. IN COMPLIANCE WITH THE 5TH EDITION (2014) FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL VOLUMES.
 - 1.2. PERFORMANCE STANDARDS:
 - 1.2.1. TAS 201-94, LARGE MISSILE IMPACT
 - 1.2.2. TAS-202-94
 - 1.2.3. TAS 203-94
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT NO. ESP010157P.DADE, DATED SEPTEMBER 29, 2012 (REVISED 12/29/12) AND ASSOCIATED LABORATORY DRAWINGS BY ELEMENT MATERIALS TECHNOLOGY, DES MOINES, IA. TESTING WAS CONDUCTED TO TAS 201-94, TAS 202-94 AND TAS 203-94.
3. THIS PRODUCT EVALUATION DOCUMENT IS FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY, 2X FRAMING AND METAL FRAMING SUBSTRATES AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.
5. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.
6. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, THE FOLLOWING IMPACT PROTECTIVE REQUIREMENTS ARE MET:
 - 6.1. HIGH VELOCITY HURRICANE ZONE (HVHZ):
 - 6.1.1. LARGE MISSILE IMPACT REQUIREMENTS AT HEIGHTS UP TO 30 FEET ABOVE GRADE:
 - 6.1.1.1. THESE WINDOWS MEET LARGE MISSILE IMPACT REQUIREMENTS OF THE 5TH EDITION (2014) FBC AND DO NOT REQUIRE USE OF AN APPROVED HVHZ IMPACT PROTECTIVE SYSTEM. SEE NOTE 3 ON SHEET 8 OF 14.
 - 6.1.2. SMALL MISSILE IMPACT REQUIREMENTS AT HEIGHTS EXCEEDING 30 FEET ABOVE GRADE:
 - 6.1.2.1. THESE WINDOWS MEET SMALL MISSILE IMPACT REQUIREMENTS OF THE 5TH EDITION (2014) FBC WHEN GLAZED ON THE EXTERIOR USING SAFETY GLAZING AND DO NOT REQUIRE USE OF AN APPROVED HVHZ IMPACT PROTECTIVE SYSTEM. SEE NOTE 4 ON SHEET 8 OF 14.
 - 6.2. WINDBORNE DEBRIS AREAS OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (NON-HVHZ):
 - 6.2.1. WHEN INSTALLED IN LOCATIONS WHERE NON-HVHZ WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, THIS PRODUCT DOES NOT REQUIRE USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM.
 7. SITE CONDITIONS NOT COVERED IN THIS PRODUCT EVALUATION DOCUMENT ARE SUBJECT TO ADDITIONAL ENGINEERING ANALYSIS BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
 8. MATERIALS:
 - 8.1. WINDOW FRAME MATERIAL: VINYL (PVC) PER QUANEX BUILDING PRODUCTS NOA NO. 12-1017.02
 - 8.2. LAMINATED GLAZING INTERLAYER PER MIAMI-DADE NOTICE OF ACCEPTANCE (NOA).
 - 8.2.1. KURARAY BUTACITE PVB GLASS INTERLAYER MATERIAL PER NOA NO. 13-0129.27.
 9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-09a.
 10. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING (AS APPLICABLE):
 - 10.1. X: OPERABLE LITE, SASH OR PANEL
 - 10.2. O: FIXED LITE, SASH OR PANEL
 11. THESE DRAWINGS CERTIFY THE WINDOW INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED WINDOW IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER AND/OR THE INSTALLER.

INSTALLATION NOTES:

1. PRODUCT ANCHORS SHALL BE AS DESIGNATED AND LOCATED AS SHOWN IN THIS PRODUCT EVALUATION DOCUMENT. ANCHOR EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
2. SEE INSTALLATION ANCHOR SCHEDULE ON SHEET 2 FOR TYPE AND GRADE OF ANCHOR, AND/OR MANUFACTURER'S ANCHOR SPECIFICATIONS, INCLUDING MINIMUM NOMINAL SIZE, MINIMUM EMBEDMENT INTO SUBSTRATE AND MINIMUM EDGE DISTANCES.
 - 2.1. EDGE DISTANCES SHALL BE MEASURED FROM CENTERLINE OF ANCHOR TO EDGE OF STRUCTURAL SUBSTRATE EITHER TO THE INTERIOR OR EXTERIOR OF THE FENESTRATION PRODUCT.
 - 2.2. MINIMUM EMBEDMENT SHALL BE BASED ON PENETRATION INTO MAIN WIND FORCE RESISTING SYSTEM SUBSTRATE.
3. SEE SHEETS 5, 6 and 7 FOR SPECIFIC ANCHOR INSTALLATION DETAILS.
4. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
5. THE NUMBER OF INSTALLATION ANCHORS IS BASED ON THE MAXIMUM END DISTANCE (ED) AND THE MAXIMUM ON CENTER (O.C.) SPACING PLACEMENT OF ANCHORS IN ACCORDANCE WITH THE TABLES ON SHEET 3. END DISTANCES AND O.C. SPACINGS LESS THAN THAT SHOWN IN THE TABLES ON SHEET 3 ARE ACCEPTABLE.
 - 5.1. SEE ADDITIONAL NOTES ON SHEET 3.
6. MAXIMUM ALLOWABLE SHIM THICKNESS IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF WOOD COMPOSITE, HIGH DENSITY PLASTIC OR SIMILAR LOAD BEARING MATERIAL.
 - 6.1. FOR BLOCK, FIN & FLANGE FRAME INSTALLATIONS, SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR.
7. FOR CONCRETE BLOCK APPLICATIONS DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS.
8. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED IN THE INSTALLATION ANCHOR SCHEDULE ON SHEET 2.

SEE SHEET 3 FOR DESIGN PRESSURES.

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8	GLAZING DETAIL AND GLAZING NOTES
9	BILL OF MATERIALS
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11	HORIZONTAL CROSS SECTION
12	COMPONENT SECTIONS
13	COMPONENT SECTIONS
14	INSTALLATION CLIP DETAIL & CORNER CONSTRUCTION

PROJECT # 414-0609

	RJA
REVISED PER MD COMMENTS	9/28/15
UPDATE TO 5TH EDITION (2014) FBC	3/16/15
DESCRIPTION	DATE
REV	BY

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL SINGLE HUNG WINDOW - IMPACT
GENERAL NOTES, INSTALLATION NOTES & TABLE OF CONTENTS

PREPARED BY: RJA
DATE: 1/4/13
DRAWING NO: PELL0029
SCALE: N.T.S.
SHEET: 1 OF 14
REV: B

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
Phone: 321.980.1784
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Email: info@ptc-corp.com

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. **15-0401.03**
 Expiration Date **02/04/2018**
 By *Manuel Jerez*
 Miami Dade Product Control

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



INSTALLATION ANCHOR SCHEDULE

INSTALLATION TYPE	FASTENER HEAD TYPE	FASTENER SIZE	SUBSTRATE	MANUFACTURER AND/OR SPECIFICATION	EMBEDMENT (IN)	EDGE DISTANCE (IN)	ANCHOR CAPACITIES BASED ON
INSTALLATION CLIP OR THRU-FRAME	PAN OR HEX HEAD	3/16"	CONCRETE	ITW TAPCONS (1)	1-1/2"	1-1/8"	MIN. 2000 PSI CONCRETE
				ELCO ULTRACONS	1-3/8"	1"	MIN. 2500 PSI CONCRETE
				HILTI KWIK-CON II+	1-3/4"	1-1/8"	MIN. 2000 PSI CONCRETE
			MASONRY (BLOCK/CMU)	ITW TAPCONS (1)	1"	2"	STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT, DENSITY > 117 PDF
				ELCO ULTRACONS	1-1/4"	1"	
				HILTI KWIK-CON II+	1"	1-1/8"	
THRU-FRAME	PAN OR HEX HEAD	NO. 10	WOOD	ANSI B18.6.1 (WOOD SCREW) (2) (4)	1-3/8"	3/4" LATERAL (3)	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.55.
INSTALLATION CLIP, INSTALLATION CLIP - BENT	PAN OR HEX HEAD	NO. 10	WOOD	ANSI B18.6.1 (WOOD SCREW) (2) (4)	1-3/8"	3/4" LATERAL 1/2" WITHDRAWAL (3)	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.55.
				ASME B18.6.4 (TAPPING SCREW) (2) (4)			
INSTALLATION CLIP, INSTALLATION CLIP - BENT OR THRU-FRAME	PAN OR HEX HEAD	NO. 10	20 GAUGE (0.0346" MIN. THK.) STEEL INCLUDING STEEL STUDS	ASME B18.6.4 (TAPPING SCREW) (4)	FULLY PENETRATE SUBSTRATE WITH 3 THREADS PROTRUDING INTERNALLY	5/16"	ASTM A-653 STEEL, 33 KSI YIELD STRENGTH STEEL OR BETTER
			1/8" MIN. THK. A-36 STEEL OR BETTER	ASME B18.6.4 (TAPPING SCREW) (4)		5/16"	ASTM A-36 STEEL, 36 KSI YIELD STRENGTH STEEL OR BETTER
			1/8" MIN. THK. 6063-T5 ALUMINUM OR BETTER	ASME B18.6.4 (TAPPING SCREW) (4)		3/8"	6063-T5 ALUMINUM OR BETTER

NOTES:

- 1) WHEN ITW TAPCONS ARE USED FOR CONCRETE/MASONRY INSTALLATION, THEY SHALL BE THE ADVANCED THREADFORM TECHNOLOGY TYPE.
- 2) FOR WOOD AND TAPPING SCREWS INSTALLATION INTO WOOD SUBSTRATE; IF SPLITTING IS A CONCERN, DRILL 7/64" PILOT HOLE FOR LATERAL APPLICATIONS AND 3/32" FOR WITHDRAWAL APPLICATIONS. SEE NOTE 3 BELOW FOR FURTHER DEFINITION.
- 3) LATERAL IS APPLICABLE TO INSTALLATION CLIP AND THRU-FRAME; WITHDRAWAL IS APPLICABLE TO INSTALLATION CLIP - BENT.
- 4) WOOD AND TAPPING SCREWS SHALL CONFORM TO A GRADE 5 STRENGTH OF 92 KSI YIELD STRENGTH AND 120 KSI ULTIMATE STRENGTH.

NOTES:

INSTALLATION ANCHOR SCHEDULE

1. THIS TABLE LISTS APPROVED ANCHOR SPECIFICATIONS BASED ON THE INSTALLATION TYPE AND SUBSTRATE.

PROJECT # 414-0609

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL SINGLE HUNG WINDOW - IMPACT ANCHOR SCHEDULE

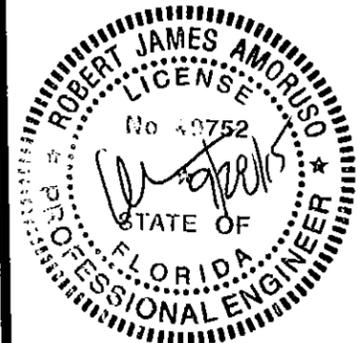
DATE: 1/4/13
DRAWING NO: PELL0029
SHEET: 2 OF 14

PREPARED BY: RJA
SCALE: N.T.S.
REV: B

PHONE: 321.690.1788
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LONGWOOD, FLORIDA 32752
E-MAIL: info@pel-inc.com

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. **15-0401-03**
Expiration Date **07/04/2018**
By *Manuel P. [Signature]*
Miami Dade Product Control

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



REV	DESCRIPTION	DATE	BY
B	REVISED PER MD COMMENTS	9/28/15	RJA
A	UPDATE TO 5TH EDITION (2014) FBC	3/16/15	RJA

SERIES 350 SINGLE HUNG WINDOW INSTALLATION REQUIREMENTS

Window Size (W x H) (in)	Daylight Opening (D.L.O.)		Design Pressure (PSF)	Substrate	Installation Type	End Spacing All corners	HEAD AND SILL		JAMBS ABOVE MEETING RAIL		JAMBS BELOW MEETING RAIL	
	Upper Sash (Fixed) (W x H) (in)	Lower Sash (Operable) (W x H) (in)					Quantity of Anchors at Head & Sill	Center to Center Spacing Head & Sill	Quantity of Anchors at Jambs Above MR *	Center to Center Spacing Jambs Above MR *	Quantity of Anchors at Jambs Below MR *	Center to Center Spacing Jambs Below MR *
52-1/4 x 77-1/4	45-13/16 x 39-11/16	45-13/16 x 29-3/16	+60/-65	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	5	10.063"	5	8.625"	4	7.583"
52-1/4 x 75	45-13/16 x 39-11/16	45-13/16 x 26-15/16	+60/-65	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	5	10.063"	5	8.25"	4	7.33"
52-1/4 x 64	45-13/16 x 27-3/16	45-13/16 x 28-7/16	+60/-65	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	5	10.063"	3	11.0"	4	7.33"
44 x 78	37-9/16 x 34-3/16	37-9/16 x 35-7/16	+60/-65	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	3	16"	4	9.67"	4	9.67"
44 x 64	37-9/16 x 27-3/16	37-9/16 x 28-7/16	+60/-65	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	3	16"	3	11.0"	3	11.0"
41 x 84	34-9/16 x 37-3/16	34-9/16 x 38-7/16	+60/-65	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	3	14.5"	4	10.7"	5	8"
41 x 64	34-9/16 x 27-3/16	34-9/16 x 28-7/16	+60/-65	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	3	14.5"	3	11.0"	3	11.0"
36 x 71-1/2	29-9/16 x 30-15/16	29-9/16 x 32-3/16	+80/-85	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	3	12"	4	8.6"	5	6.438"
36 x 64	29-9/16 x 27-3/16	29-9/16 x 28-7/16	+80/-85	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	3	12"	4	7.33"	4	7.33"
24 x 71-1/2	17-9/16 x 30-15/16	17-9/16 x 32-3/16	+80/-85	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	2	12"	3	12.9"	4	8.583"
24 x 64	17-9/16 x 27-3/16	17-9/16 x 28-7/16	+80/-85	Wood/Concrete /CMU/Metal **	Clip or Thru-Frame	6"	2	12"	3	11.0"	3	11.0"

* FIRST ANCHOR ADJACENT TO MEETING RAIL LOCATED 4" ABOVE AND BELOW MEETING RAIL. END ANCHOR ON JAMB AT HEAD AND SILL LOCATED 6" FROM END. CENTER-TO-CENTER SPACING AS SHOWN.

** METAL SUBSTRATES INCLUDE THE FOLLOWING:

- (a) 20 GAUGE (0.0346" MIN. THK.) STEEL INCLUDING STEEL STUDS, ASTM A-653 STEEL, 33 KSI YIELD STRENGTH STEEL OR BETTER
- (b) 1/8" MIN. THK. ASTM A-36 STEEL, 36 KSI YIELD STRENGTH STEEL OR BETTER

NOTES:

SERIES 350 SINGLE HUNG WINDOW INSTALLATION REQUIREMENTS

1. THIS TABLE LISTS THE FOLLOWING INFORMATION.

- 1.1. DESIGN PRESSURE (PSF).
- 1.2. END DISTANCE (ED) OF ANCHORS AT FRAME ENDS AS DIMENSIONED ON ELEVATION DRAWINGS.
- 1.3. MAXIMUM O.C. (ON CENTER) SPACING FOR ANCHORS BETWEEN THE FRAME END ANCHORS DIMENSIONED ON ELEVATION DRAWINGS.
- 1.4. QUANTITY OF ANCHORS BASED ON MEETING THE O.C. SPACING REQUIREMENTS.

- 1.5. MAXIMUM WINDOW SIZES (W x H) TESTED WITH A SELECTION OF DOWNSIZED WINDOW SIZES (W x H) AVAILABLE (SEE NOTE 3).
- 2. ANCHOR QUANTITIES AND SPACINGS SHOWN ARE BASED ON ANCHOR SPACING USED IN TESTING OR REQUIRED BY LOADING AT DESIGN PRESSURE.
- 3. FOR WINDOW SIZES SMALLER THAN THOSE SHOWN, ANCHOR QUANTITIES CAN BE REDUCED WHILE MAINTAINING EDGE DISTANCE AND O.C. SPACING REQUIREMENTS.

PROJECT # 414-0609

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL SINGLE HUNG WINDOW - IMPACT
INSTALLATION REQUIREMENTS AND DP CHART

PREPARED BY: RJA DATE: 1/4/13

DRAWING NO: PELL0029

SCALE: N.T.S. SHEET: 3 OF 14

REV: B

REVISIONS: REV. DESCRIPTION DATE

REV. A UPDATE TO 5TH EDITION (2014) FBC

REV. B REVISED PER MD COMMENTS

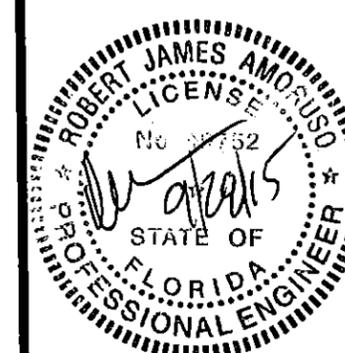
REV. 9/28/15

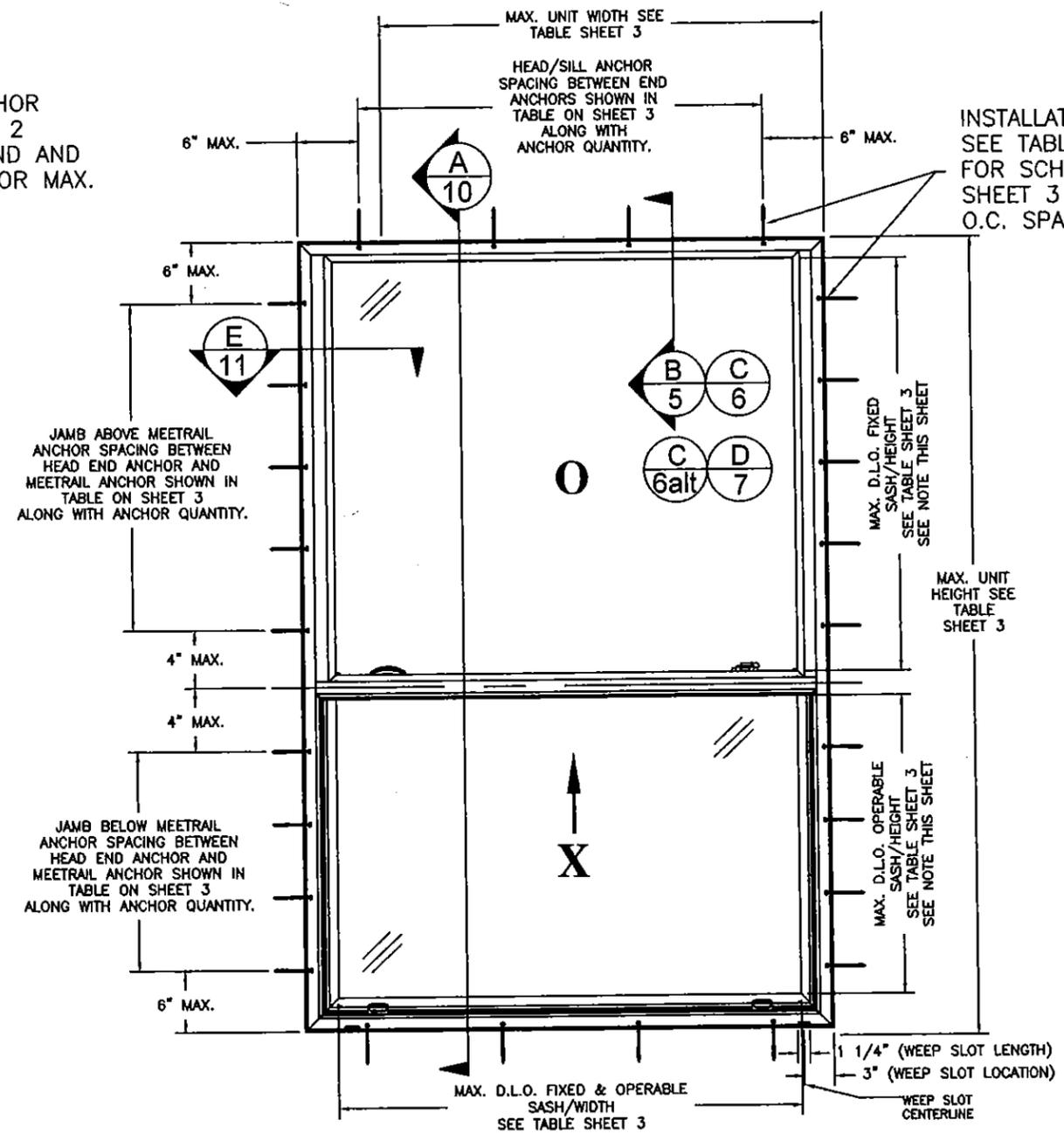
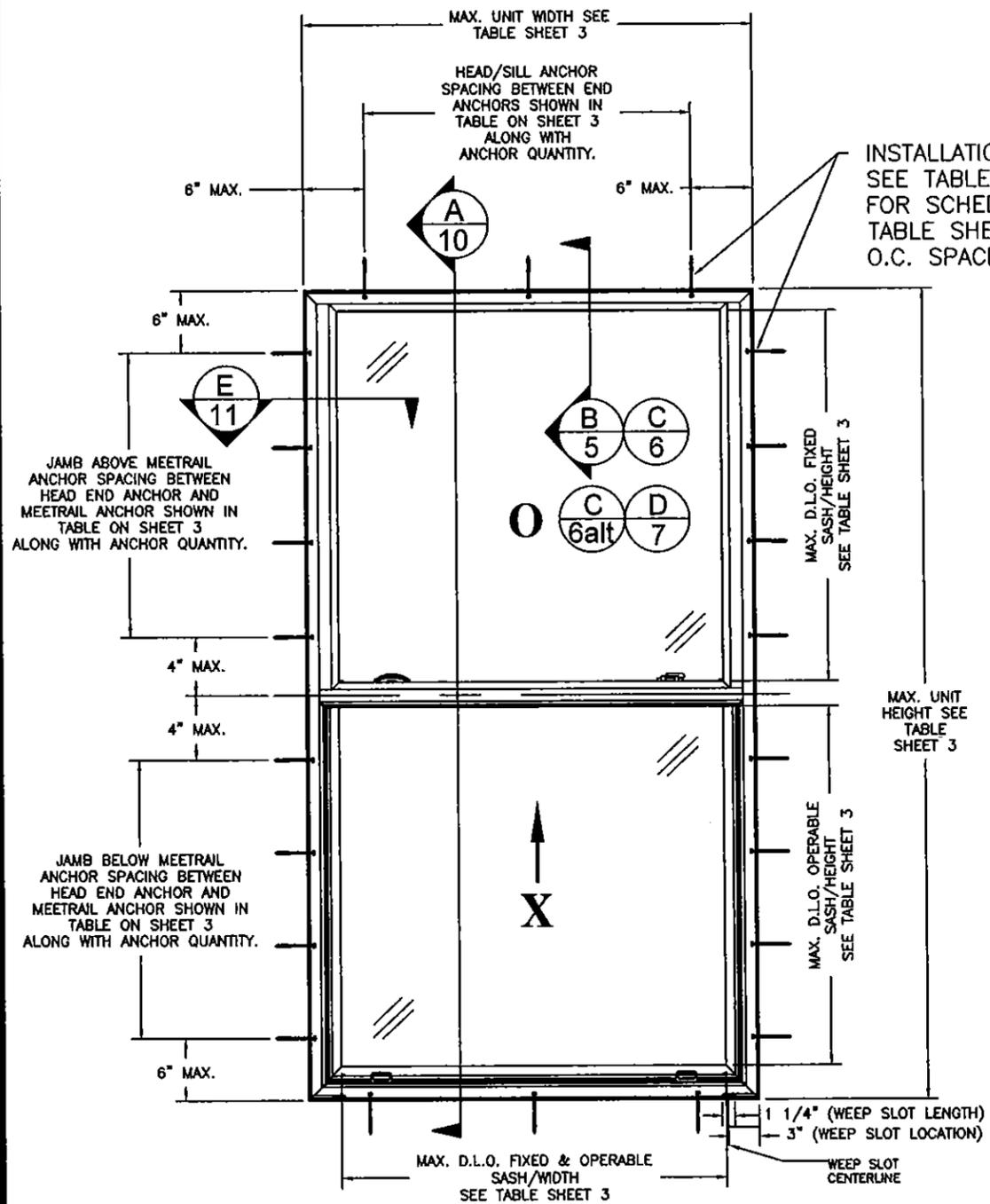
REV. 3/16/15

REV. BY

PRODUCT REVISED
as complying with the Florida
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Acceptance No. **15-0401-03**
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Florida P.E. No. 49752





SERIES 350 VINYL SINGLE HUNG WINDOW

EXTERIOR VIEW - EQUAL LITE WINDOW (44" X 78" SIZE SHOWN)
BLOCK FRAME SHOWN, FLANGE AND FIN FRAMES ALSO APPROVED

SERIES 350 VINYL SINGLE HUNG WINDOW

EXTERIOR VIEW - CUSTOM SPLIT WINDOW (52-1/4" X 77-1/4" SIZE SHOWN)
BLOCK FRAME SHOWN, FLANGE AND FIN FRAMES ALSO APPROVED

CUSTOM SPLIT WINDOW - DAY LIGHT OPENING NOTE

CUSTOM SPLITS ARE ALLOWED WHERE LOWER SASH D.L.O. IS SMALLER THAN UPPER SASH D.L.O., OR UPPER SASH D.L.O. IS SMALLER THAN LOWER SASH D.L.O. BUT MAY NOT EXCEED MAXIMUM SASH D.L.O. IN TABLE ON SHEET 3.

PROJECT # 414-0609

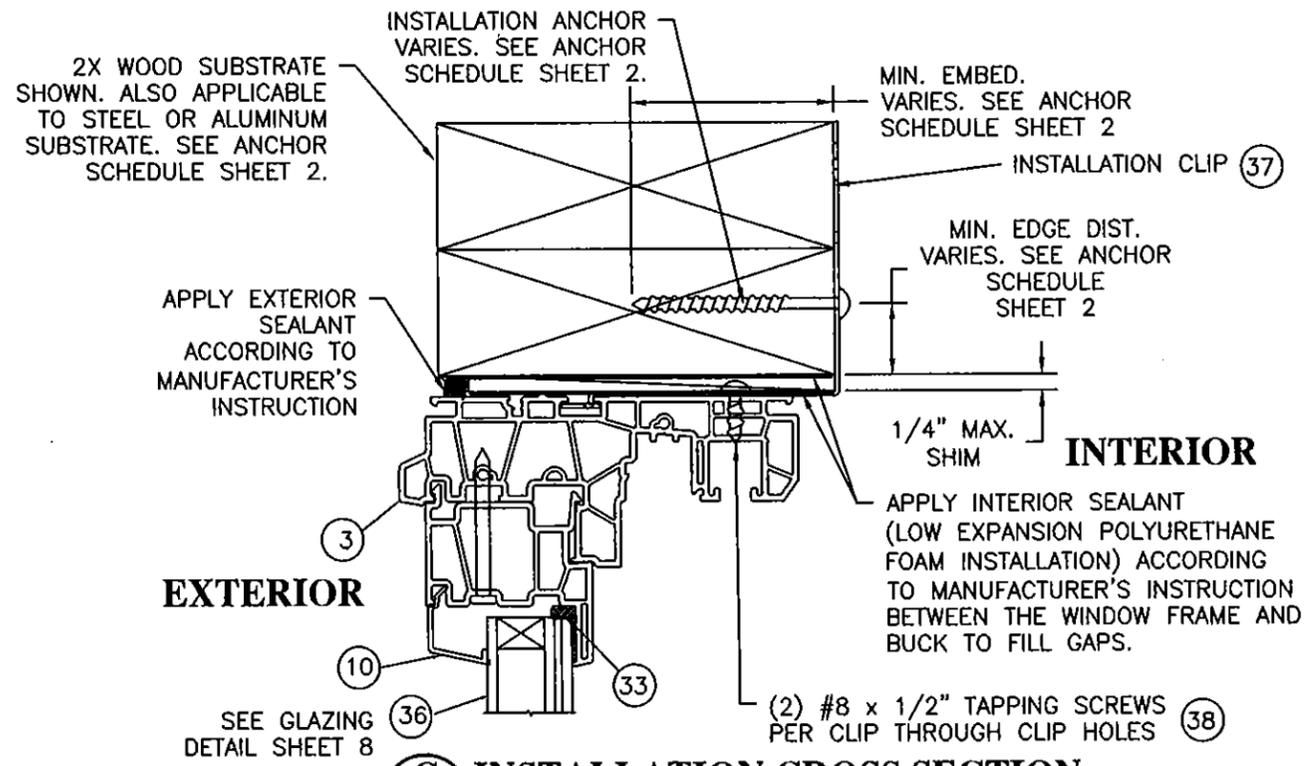
PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
TITLE: SERIES 350 4-1/2" VINYL SINGLE HUNG WINDOW - IMPACT ELEVATION & ANCHORING LAYOUT

REVISED PER MD COMMENTS	RJA	9/28/15	RJA	DATE	BY
UPDATE TO 5TH EDITION (2014) FBC	A	3/16/15	RJA	DESCRIPTION	REV
	B				

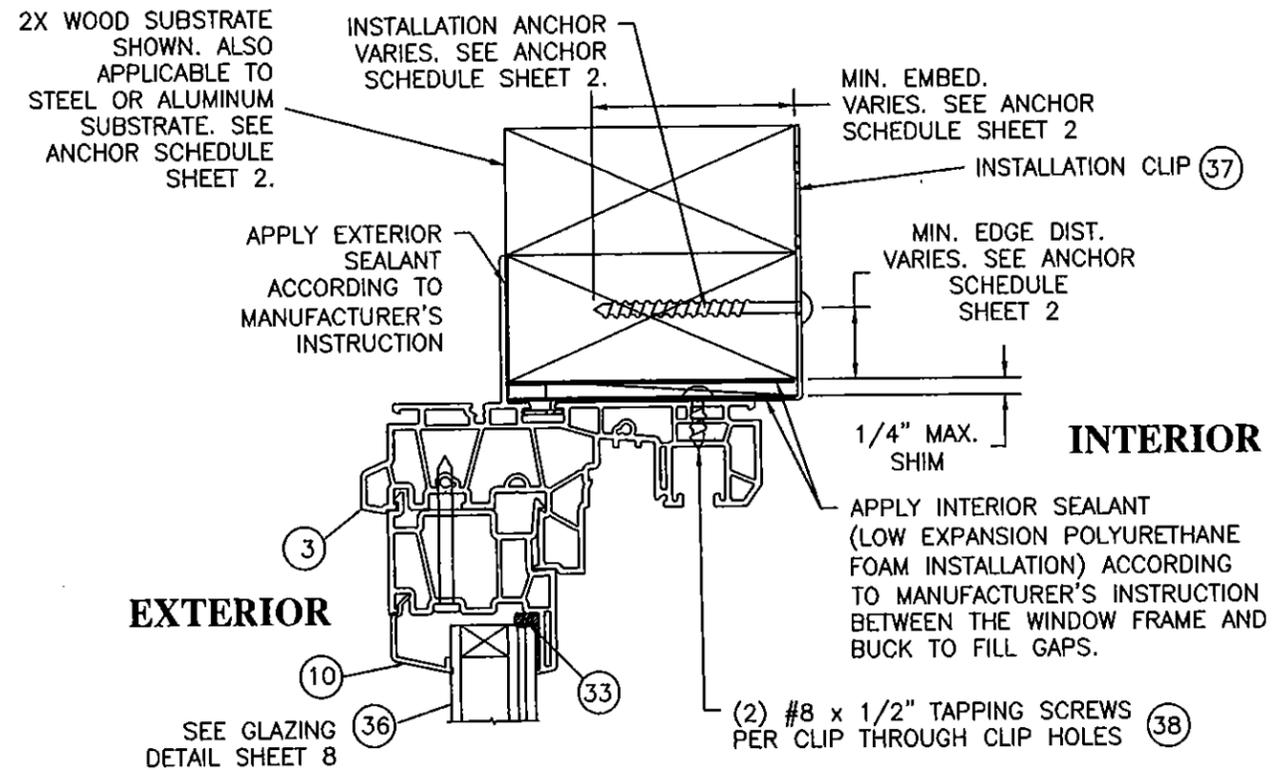
DATE: 1/4/13
DRAWING NO: PELL0029
SCALE: N.T.S.
SHEET: 4 OF 14
DRAWN BY: RJA
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25835
Phone: 321.696.1788
Fax: 321.696.1789
Email: info@pella.com

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 15-0401-03 Expiration Date 07/04/2018
By *Manuel Perez*
Miami Dade Product Control

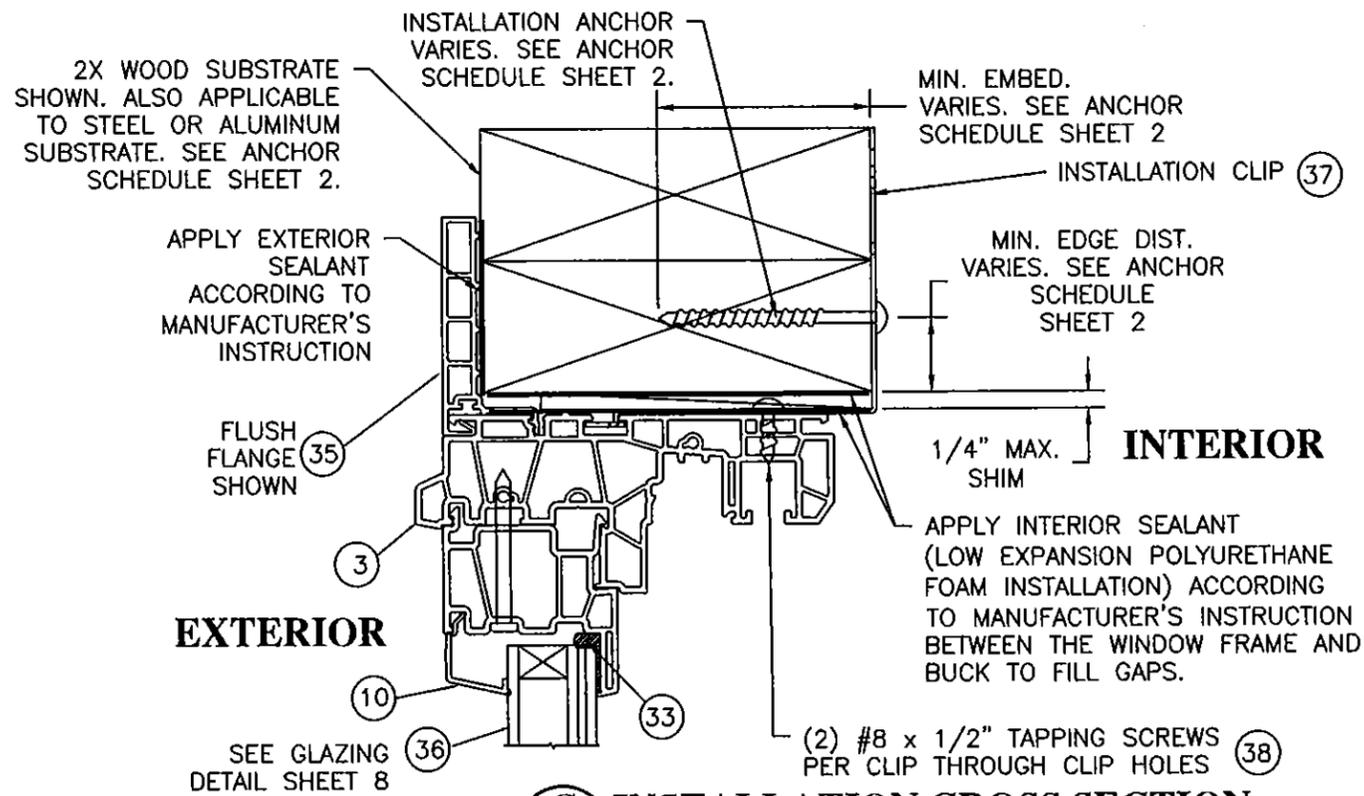
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



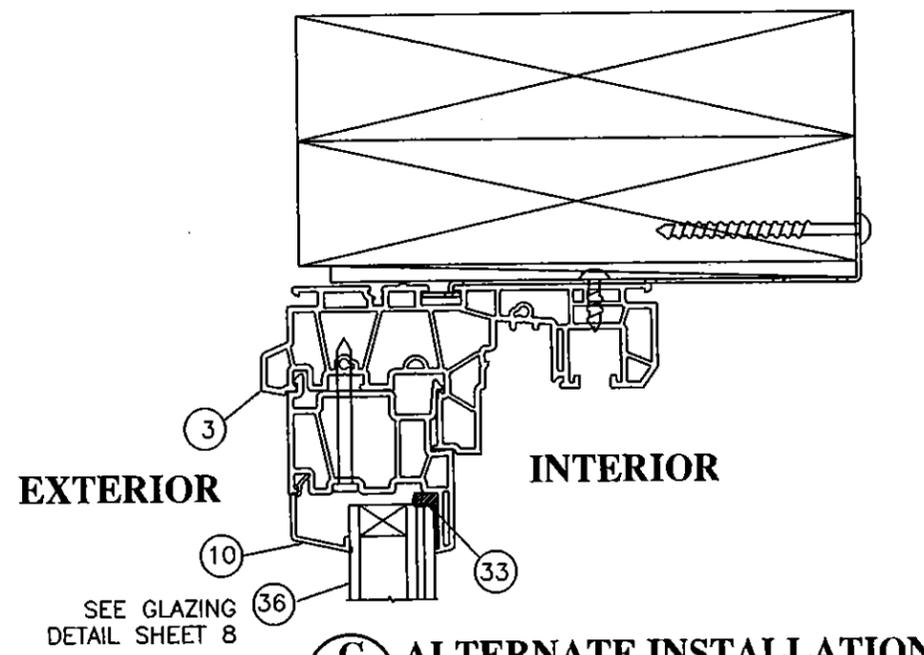
C
6 **INSTALLATION CROSS SECTION**
BLOCK FRAME, BENT CLIP INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR



C
6 **INSTALLATION CROSS SECTION**
FIN FRAME, BENT CLIP INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR



C
6 **INSTALLATION CROSS SECTION**
FLANGE FRAME, BENT CLIP INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR



C
6alt **ALTERNATE INSTALLATION CROSS SECTION**
BLOCK FRAME SHOWN
(ALSO APPLICABLE TO FIN AND FLANGE FRAME)
ALTERNATE BENT CLIP INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR
SEE OTHER C SECTIONS FOR DETAILS

PROJECT # 414-0609

REVISED PER MD COMMENTS	9/28/15	RJA	BY
UPDATE TO 5TH EDITION (2014) FEC	3/16/15	RJA	DATE

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL SINGEL HUNG WINDOW - IMPACT BENT CLIP INSTALLATION SECTIONS

DATE: 1/4/13
DRAWING NO: PELL0029
SCALE: N.T.S.
SHEET: 6 OF 14

PREPARED BY: RJA
DRAWN BY: N.T.S.
REV: B

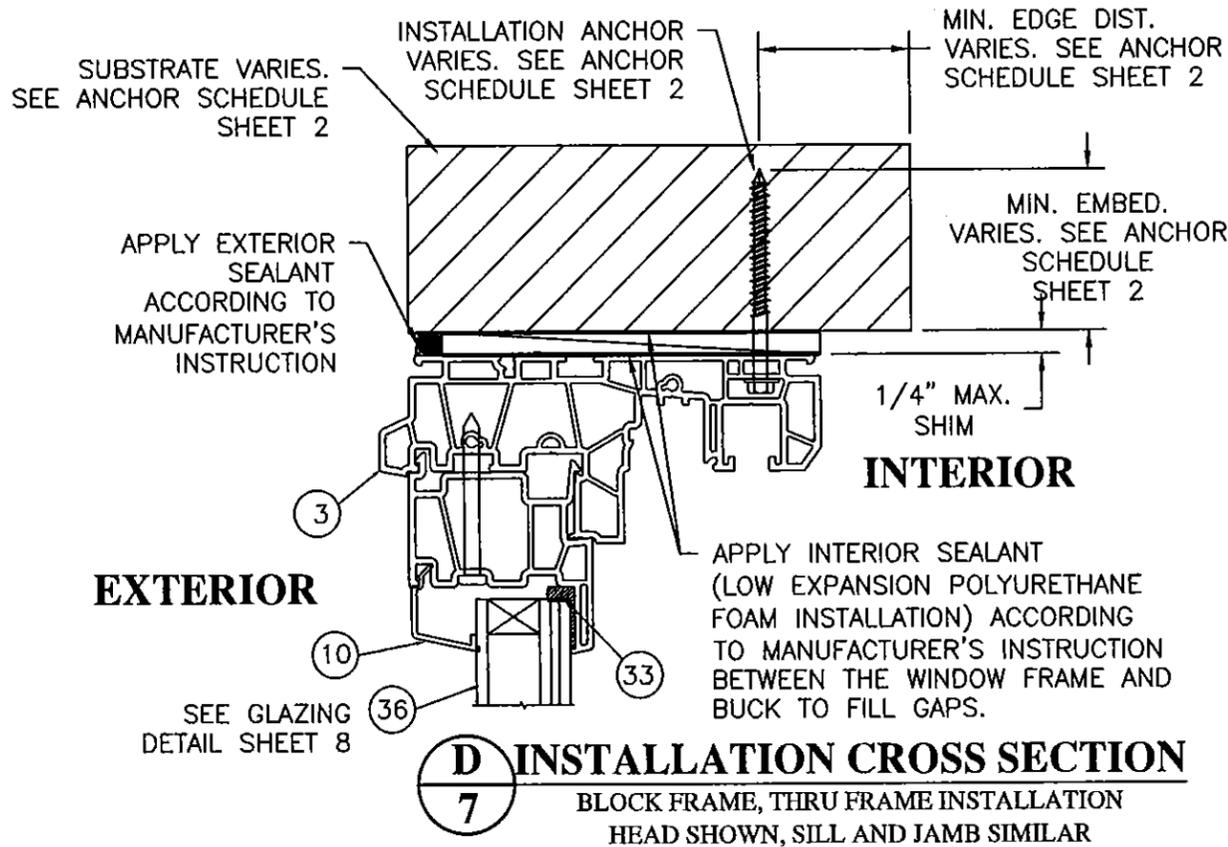
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520175
LONGWOOD, FLORIDA 32752
Phone: 321.690.1788
Fax: 321.690.1789
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PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 15-0401-03 Expiration Date 02/24/2018

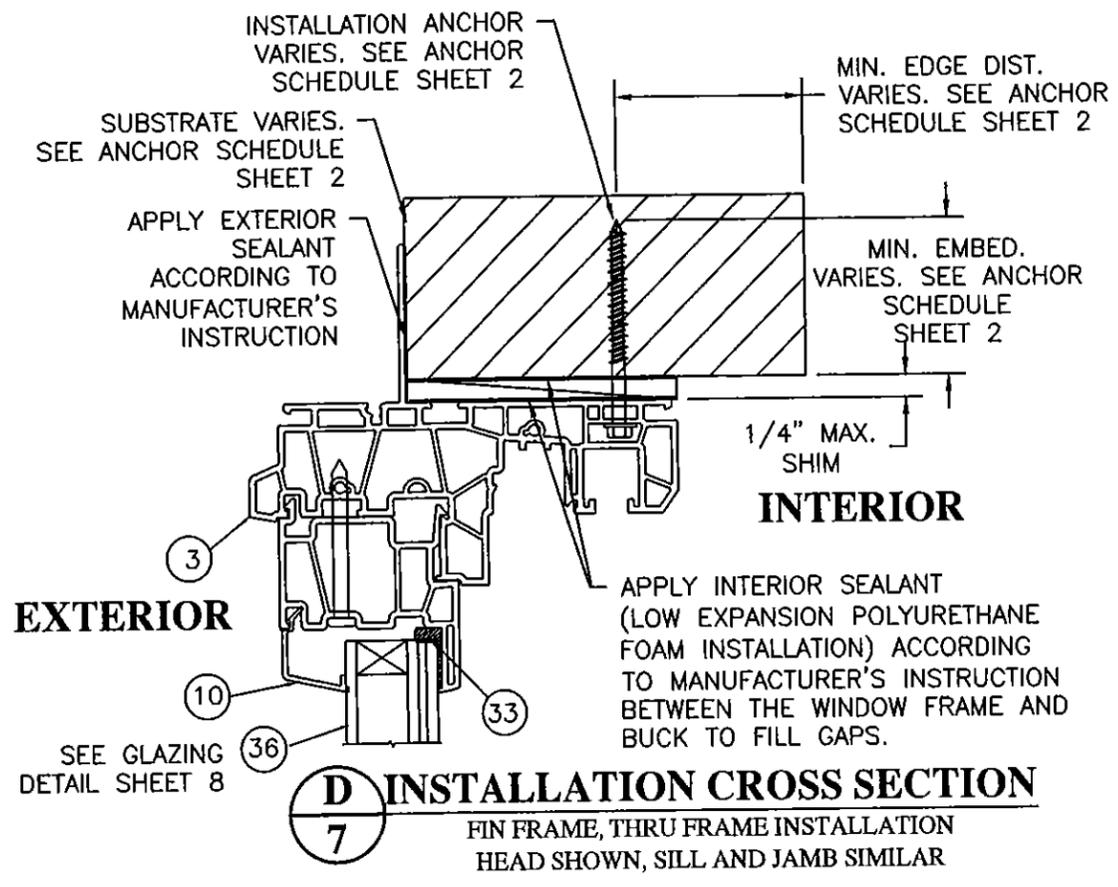
By *Manuel Perez*
Miami Dade Product Control

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

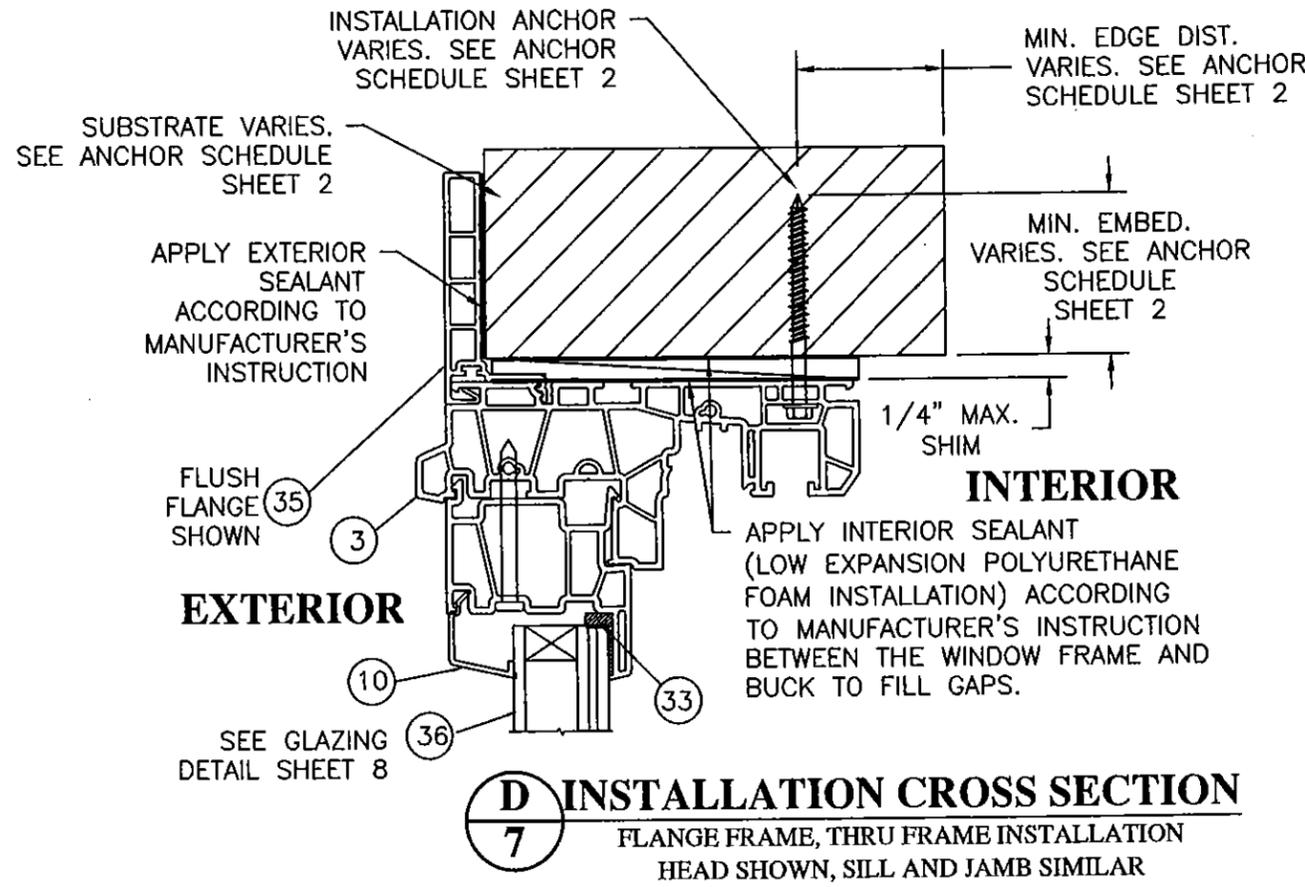




D **7** **INSTALLATION CROSS SECTION**
 BLOCK FRAME, THRU FRAME INSTALLATION
 HEAD SHOWN, SILL AND JAMB SIMILAR



D **7** **INSTALLATION CROSS SECTION**
 FIN FRAME, THRU FRAME INSTALLATION
 HEAD SHOWN, SILL AND JAMB SIMILAR



D **7** **INSTALLATION CROSS SECTION**
 FLANGE FRAME, THRU FRAME INSTALLATION
 HEAD SHOWN, SILL AND JAMB SIMILAR

PROJECT # 414-0609

REVISED PER MD COMMENTS	9/28/15	RJA	RJA	DATE
UPDATE TO 5TH EDITION (2014) FBC	3/16/15	RJA	RJA	DATE
DESCRIPTION				

PELLA CORPORATION
 102 MAIN STREET
 PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL SINGLE HUNG WINDOW - IMPACT THRU FRAME INSTALLATION SECTIONS

DATE:	1/4/13
DRAWING NO.:	PELL0029
SCALE:	N.T.S.
REV.:	B
SHEET:	7 OF 14

PREPARED BY: RJA
 DRAWN BY: RJA
 SCALE: N.T.S.
 REV: B

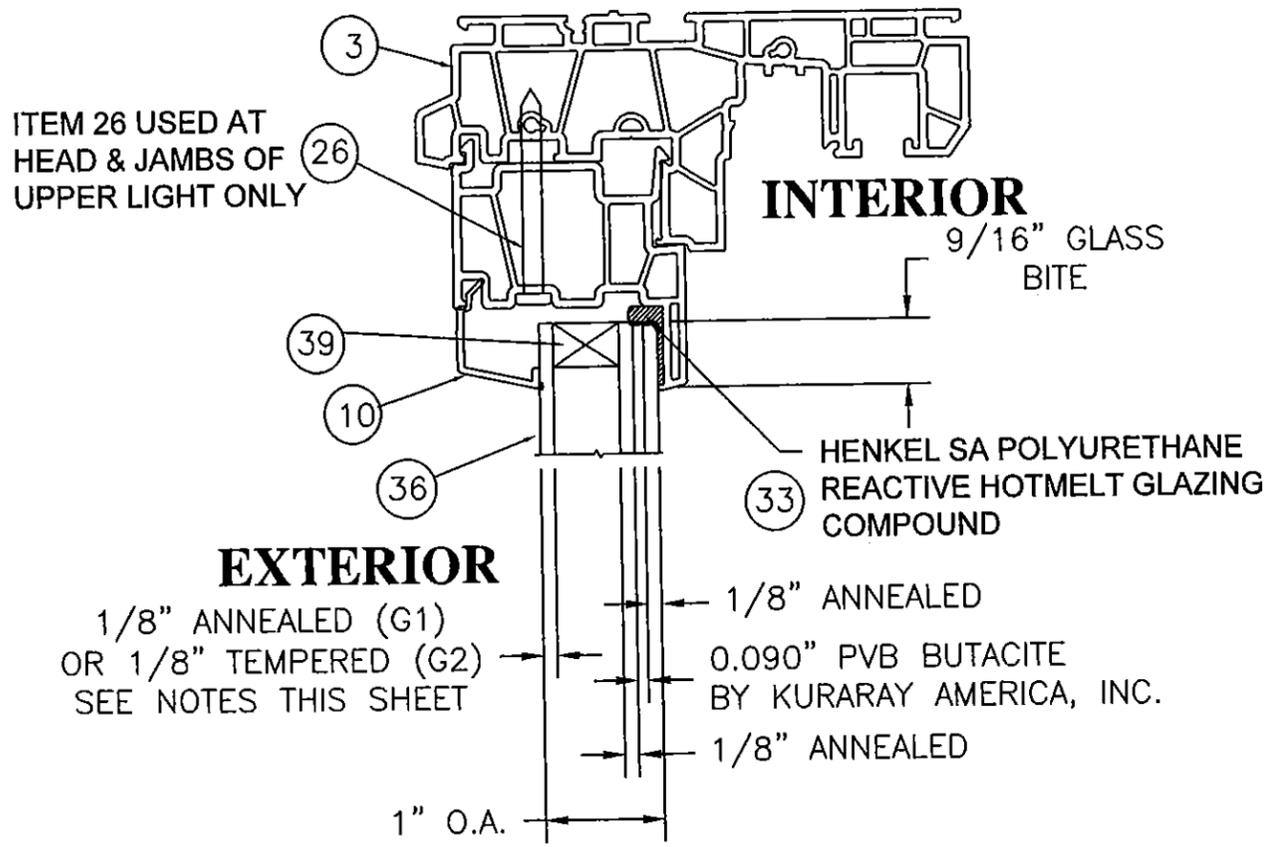
PTC PRODUCT DESIGN GROUP, LLC
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 LONGWOOD, FLORIDA 32752
 PHONE: 321.890.1788
 FAX: 321.890.1789
 EMAIL: info@pdc-corp.com
 FBPE C.A. NO. 25935

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 15-0401-03
 Expiration Date 07/07/2018
 By *Manuel Perez*
 Miami Dade Product Control

Robert J. Amoruso, P.E.
 Florida P.E. No. 49752

GLAZING DETAIL NOTES:

1. APPROVED GLAZING CONFIGURATIONS (SEE NOTES 3, 4 AND 5)
 - 1.1. G1 = 1" OA IGU LAMINATED INSULATED GLASS CONSISTING OF THE FOLLOWING FROM EXTERIOR: 1/8" ANNEALED - 9/16" AIR SPACE - 1/8" ANNEALED + 0.090" PVB BUTACITE BY KURARAY AMERICA, INC. + 1/8" ANNEALED. SEE NOTE 3 AND 5 BELOW.
 - 1.2. G2 = 1" OA IGU LAMINATED INSULATED GLASS CONSISTING OF THE FOLLOWING FROM EXTERIOR: 1/8" TEMPERED - 9/16" AIR SPACE - 1/8" ANNEALED + 0.090" PVB BUTACITE BY KURARAY AMERICA, INC. + 1/8" ANNEALED. SEE NOTE 3 AND 4 BELOW.
2. SEE TABLE WINDOW SIZE VS. DESIGN PRESSURE ON SHEET 2 FOR APPROVED CONFIGURATIONS. ALL SIZES IN TABLE ARE BASED ON TESTED SIZES AND DO NOT EXCEED THE MAXIMUM WINDOW AREA TESTED.
3. GLAZING DETAILS G1 AND G2 MEET LARGE MISSILE IMPACT REQUIREMENTS AT HEIGHTS UP TO 30 FEET ABOVE GRADE AS REQUIRED BY THE 5TH EDITION (2014) FLORIDA BUILDING CODE.
4. GLAZING DETAIL G2 MEETS SMALL MISSILE IMPACT REQUIREMENTS AT HEIGHTS GREATER THAN 30 FEET ABOVE GRADE AS REQUIRED BY THE 5TH EDITION (2014) FLORIDA BUILDING CODE.
5. GLAZING DETAILS G1 DOES NOT MEET SMALL MISSILE IMPACT REQUIREMENTS AT HEIGHTS GREATER THAN 30 FEET ABOVE GRADE AS REQUIRED BY THE 5TH EDITION (2014) FLORIDA BUILDING CODE.
6. A MINIMUM OF TWO (2) NEOPRENE SETTING BLOCKS WITH 70 TO 90 SHORE A DUROMETER HARDNESS ARE REQUIRED AT BOTTOM (SILL) OF GLAZING LITES MORE THAN 3 FEET IN WIDTH IN ACCORDANCE WITH THE 5TH EDITION (2014) FLORIDA BUILDING CODE.



GLAZING DETAIL 1 & 2
 BLOCK FRAME SHOWN, FLANGE AND FIN FRAMES SIMILAR
 FIXED HEAD SHOWN, FIXED JAMB SAME. FIXED HEAD MEETRAIL
 SIMILIAR GLAZING DETAIL. SASH RAIL AND STILE GLAZING
 DETAIL SIMILAR.
 (SETTING BLOCKS USED AT SILL AS REQUIRED)

SEE DETAIL A/10 ON SHEET 10 FOR GLAZING ADHESIVE ITEM NO.
 40 USED AT MEETRAIL.

PROJECT # 414-0609

REV	DATE	DESCRIPTION
B	9/28/15	REVISED PER MD COMMENTS
A	3/16/15	UPDATE TO 5TH EDITION (2014) FBC

PELLA CORPORATION
 102 MAIN STREET
 PELLA, IA 50219

PTC PRODUCT DESIGN GROUP, LLC
 PO BOX 520175
 LONGWOOD, FLORIDA 32752
 Phone: 321.660.1788
 Fax: 321.660.1789
 Email: info@pbc-corp.com

TITLE: SERIES 350 4-1/2" VINYL SINGEL HUNG WINDOW - IMPACT GLAZING DETAIL AND GLAZING NOTES

PREPARED BY: RJA
 SCALE: N.T.S.
 REV: B

DATE: 1/4/13
 DRAWING NO: PELL0029
 SHEET: 8 OF 14

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. **15-0401.03**
 Expiration Date **07/05/2018**
 By *Manuel Perez*
 Miami Dade Product Control

Robert J. Amoruso, P.E.
 Florida P.E. No. 49752

BILL OF MATERIALS			
NO	DESCRIPTION	MATERIAL/VENDOR	QTY
1	JAMB	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	2
2	SILL	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	1
3	HEAD	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	1
4	MEETRAIL	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	1
5	INTERLOCK RAIL	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	1
6	SASH BOTTOM RAIL & STILE	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	3
7	SASH BOTTOM LIFT RAIL	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	1
8	FILLER BAR	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	3
9	BALANCE COVER	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	2
10	FRAME GLAZING BEAD	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	4
11	SASH GLAZING BEAD	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	4
12	SILL COVER	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	1
13	SILL RISER	6063-T6 ALUMINUM	1
14	STILE/BOT. RAIL STIFFENER	6061-T6 ALUMINUM	3
15	INTERLOCK STIFFENER	6061-T6 ALUMINUM	1
16	MEETRAIL STIFFENER	6061-T6 ALUMINUM	1
17	LOCK	EITHER AUTO OR CAM	
	AUTOLOCK	INTERLOCK	2
	CAMLOCK	BETTELI	2
18	STRIKE/KEEPER	EITHER AUTO OR CAM	
	AUTOLOCK KEEPER	INTERLOCK	2
	CAMLOCK KEEPER	BETTELI	2
19	LOCK SCREWS #6 X 1"	ZINC PLATED STEEL	1
20	KEEPER SCREWS #6 X 3/4"	STAINLESS	4
21	TILT LATCH ASSEMBLY	AMESBURY (FASTEK)	2
22	TILT LATCH SCREW #6 X 1/2"	STAINLESS	4
23	PIVOT BAR	DECO	2
24	PIVOT BAR SCREW #6 X 1/2"	STAINLESS	8
25	SILL RISER SCREW #6 X 1	STAINLESS	8
26	FILLER BAR SCREW #8 X 1-3/4"	STAINLESS	10" O.C.
27	BALANCE	AMESBURY (BSI)	2
28	BOTTOM RAIL LEAF	AMESBURY (FOAMTITE)	1
29	STILE WEATHERSTRIP	SCHLEGEL	2
30	BOTTOM RAIL WEATHERSTRIP	AMESBURY (FOAMTITE)	1
31	PILE WEATHERSTRIP WITH LEAF	ULTRAFAB	.
32	PILE WEATHERSTRIP	ULTRAFAB	2
33	POLYURETHANE REACTIVE HOTMELT GLAZING COMPOUND	HENKEL SA	AS REQ'D
34	SETTING BLOCK	PVC/SEE SHEET 13	AS REQ'D
35	FLANGE	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	4
	FLUSH FLANGE (SNAP-ON)	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	
	5/8" FLANGE (SNAP-ON)	VINYL (PVC) BY QUANEX BUILDING PRODUCTS PER NOA NO. 12-1017.02	
36	GLAZING	SEE SHEET 8	2
37	INSTALLATION CLIP	SEE SHEET 14	AS REQ'D
38	#8 x 1/2" TAPPING SCREW	AISI 1018 STEEL	AS REQ'D
39	14.5MM (9/16") STAINLESS STEEL SPACER	CARDINAL GLASS	AS REQ'D
40	URETHANE SEALANT/ADHESIVE	MANUS-BOND 75-AM	AS REQ'D

PROJECT # 414-0609

	RJA	BY
9/28/15	RJA	
3/16/15	RJA	
REVISED PER MD COMMENTS		DESCRIPTION
UPDATE TO 5TH EDITION (2014) FBC		DATE
B	A	REV

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

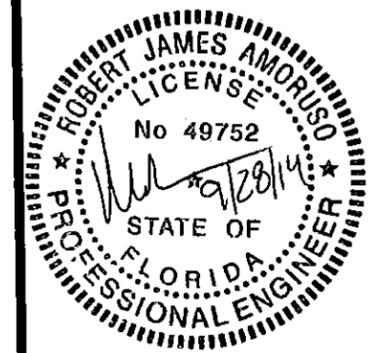
TITLE: SERIES 350 4-1/2" VINYL SINGLE HUNG WINDOW - IMPACT
BILL OF MATERIALS

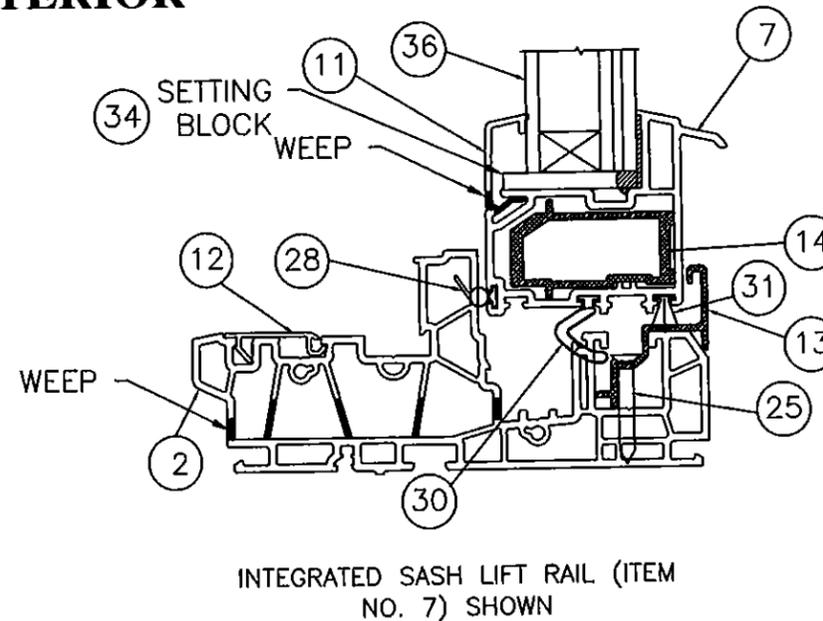
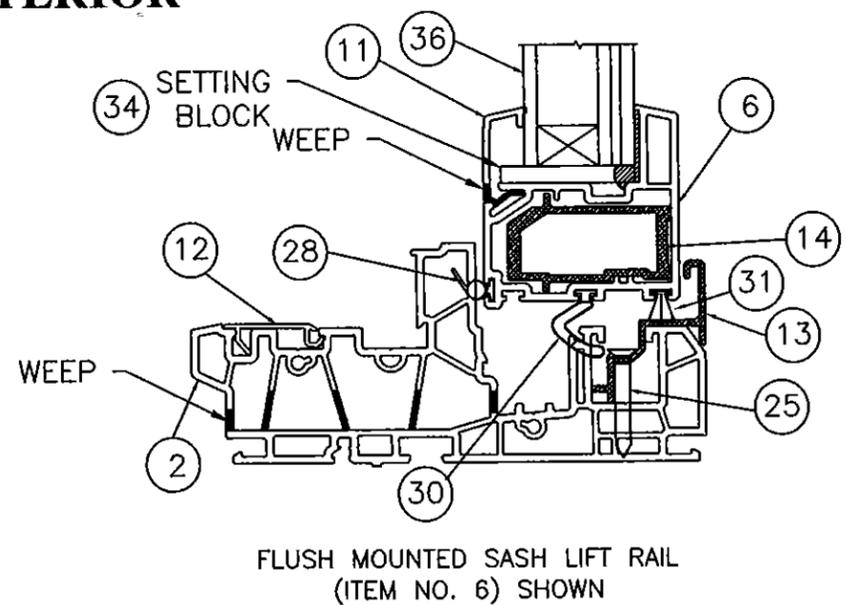
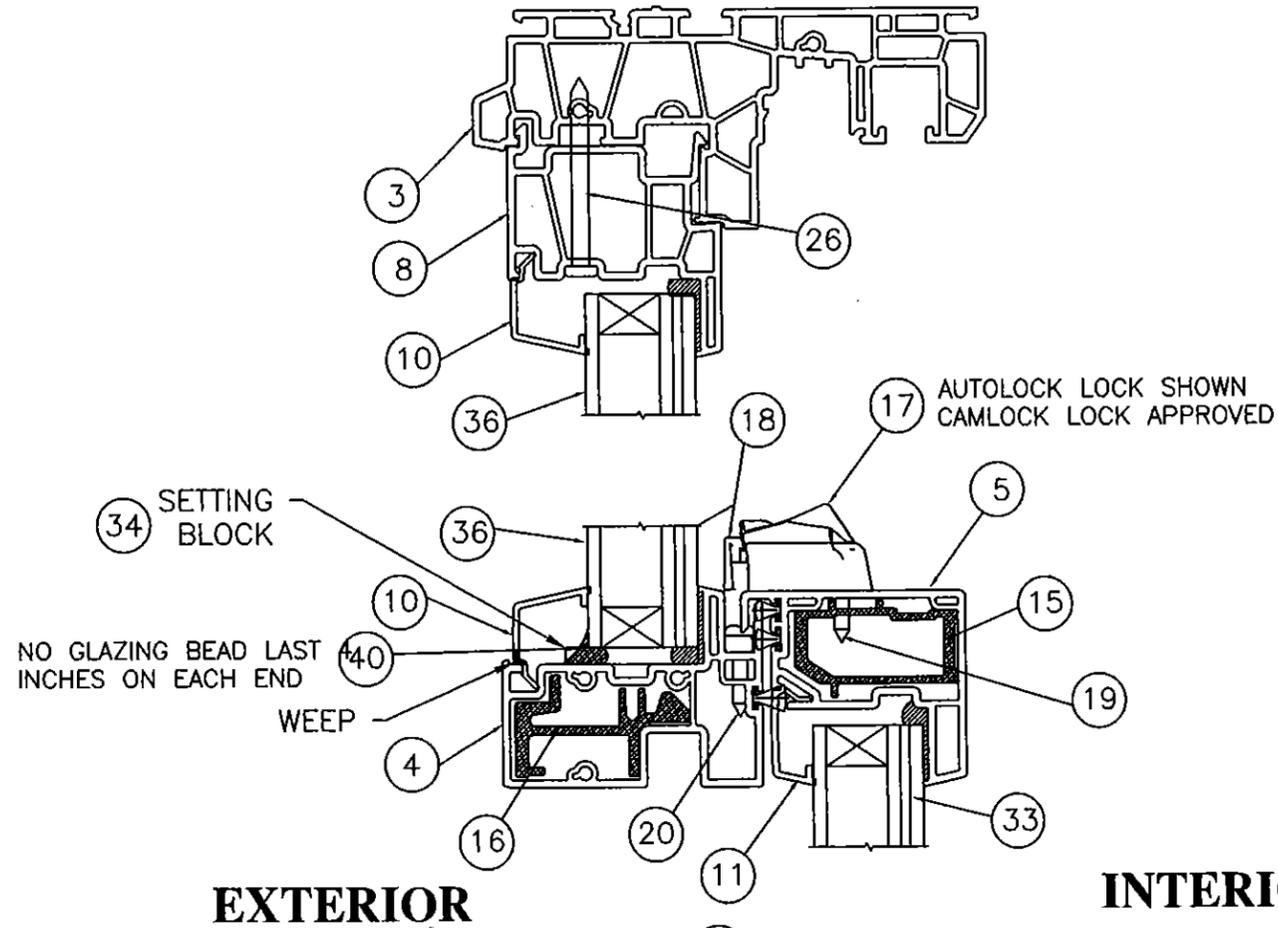
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DRAWN BY:	RJA
SCALE:	N.T.S.
DRAWING NO.:	PELL0029
SHEET:	9 OF 14
REV:	B

PTC PRODUCT DESIGN GROUP, LLC
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PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. **15-0401.03**
Expiration Date **03/04/2018**
By *Manuel Perez*
Miami Dade Product Control

Robert J. Amoroso, P.E.
Florida P.E. No. 49752





A **VERTICAL CROSS SECTION**
10 **BLOCK FRAME SHOWN, FLANGE AND FIN**
FRAMES ALSO APPROVED

PROJECT # 414-0609

		RJA	BY
	9/28/15	RJA	DATE
B	REVISED PER MD COMMENTS		
A	UPDATE TO 5TH EDITION (2014) FBC		
REV	DESCRIPTION		

PELLA CORPORATION
 102 MAIN STREET
 PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL SINGEL HUNG WINDOW - IMPACT
 VERTICAL CROSS SECTION

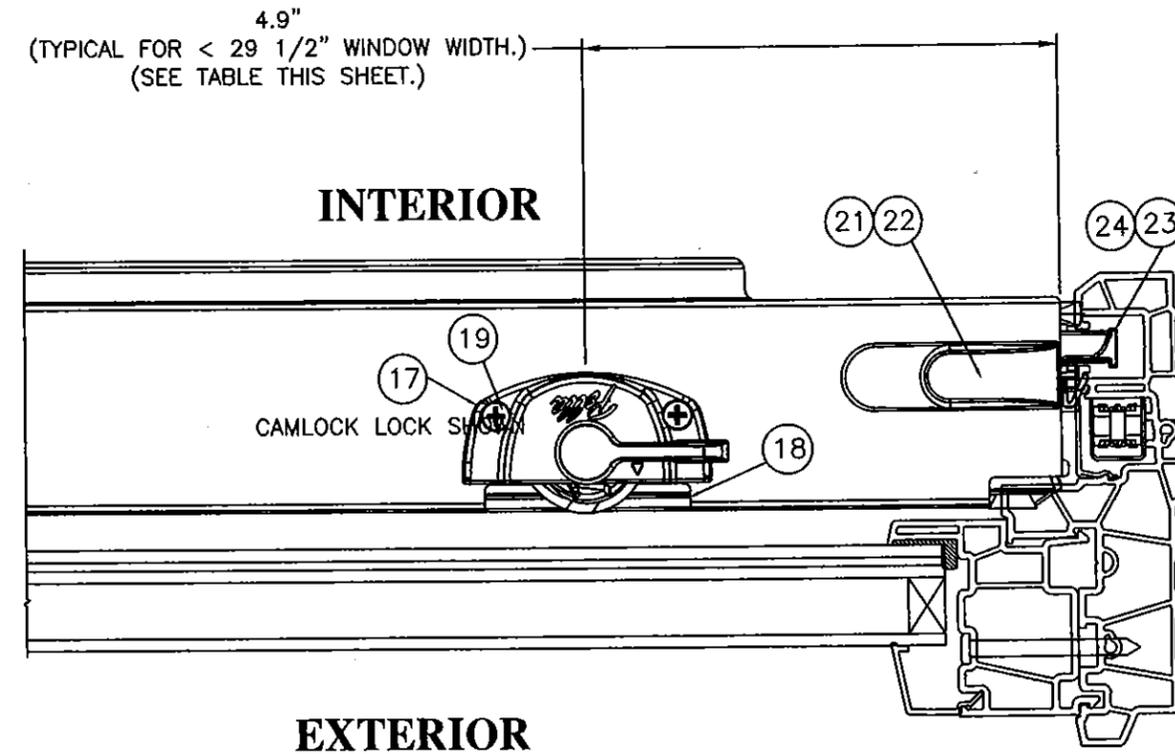
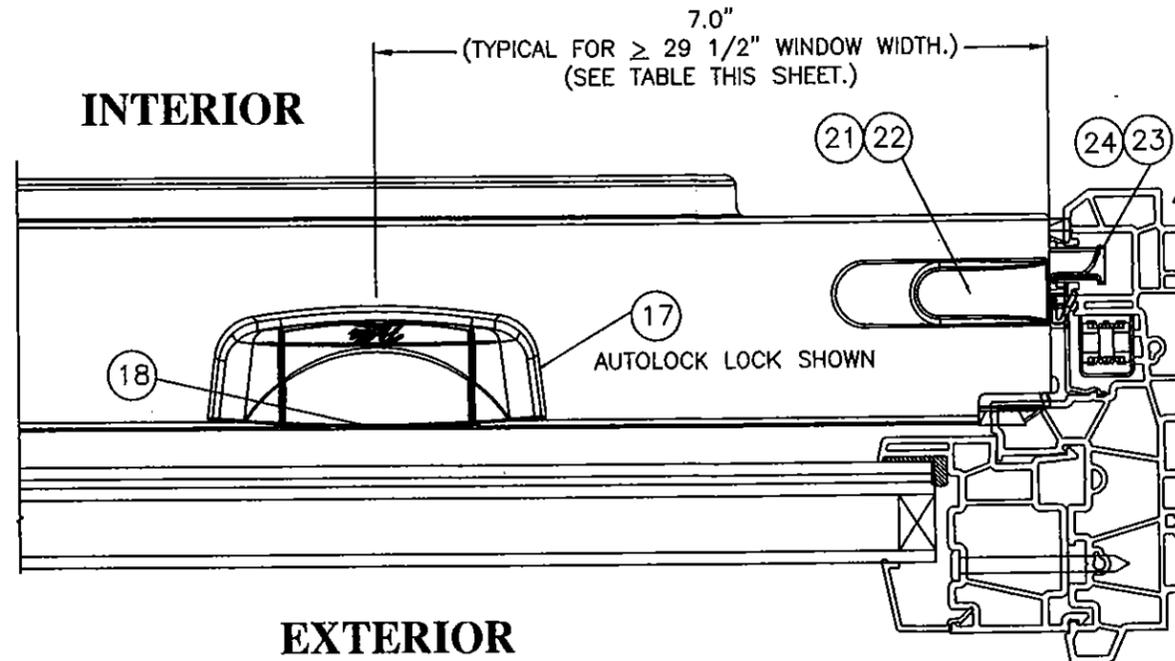
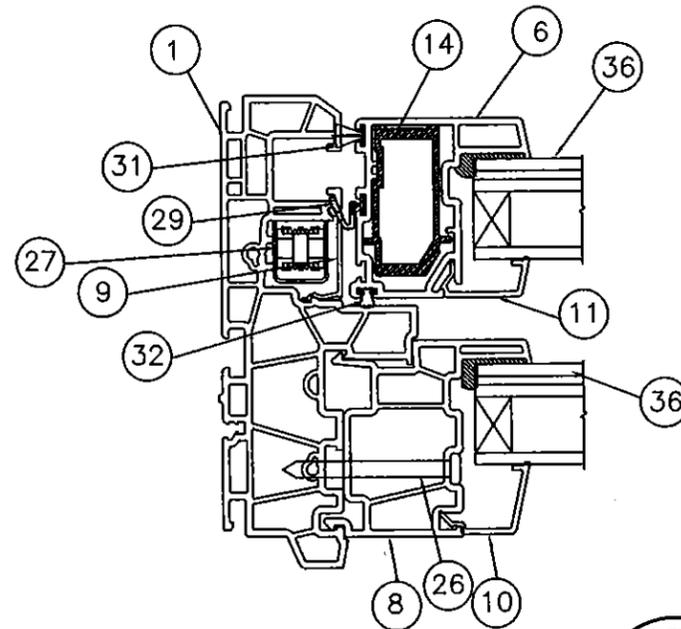
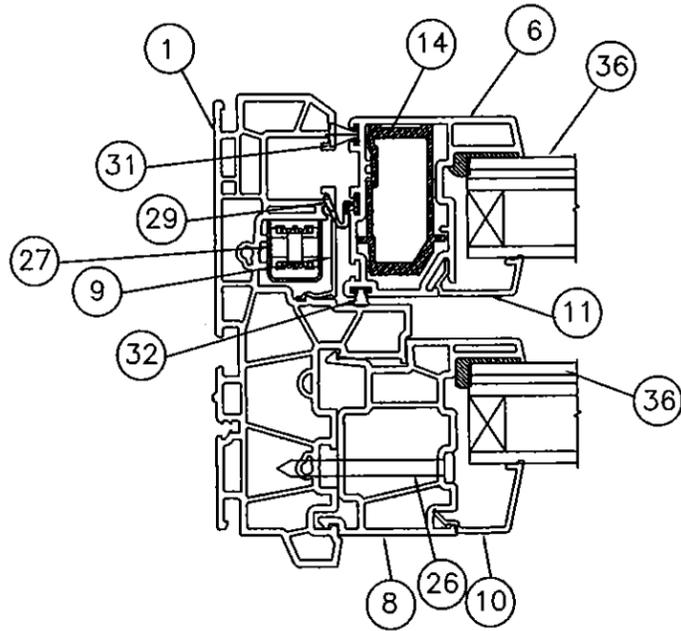
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 DRAWING NO.: PELL0029
 SHEET: 10 OF 14

DRAWN BY: RJA
 SCALE: N.T.S.
 REV: B

PTC PRODUCT DESIGN GROUP, LLC
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PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **15-0401-03**
 Expiration Date **07/04/2018**
 By *Manuel Cruz*
 Miami Dade Product Control

Robert J. Amoruso, P.E.
 Florida P.E. No. 49752



AUTOLOCK/CAMLOCK LOCATION (MEASURED FROM SASH EDGE TO CENTERLINE OF LOCK)	
FRAME WIDTH (IN)	LOCK LOCATION (IN)
≥ 29 1/2"	7"
< 29 1/2"	4.9"

E **HORIZONTAL CROSS SECTION**
11 **BLOCK FRAME SHOWN, FLANGE AND FIN FRAMES**
ALSO APPROVED

PROJECT # 414-0609

REVISED PER	DATE	BY
B	9/28/15	RJA
A	3/16/15	RJA

PELLA CORPORATION
 102 MAIN STREET
 PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL SINGEL HUNG WINDOW - IMPACT
 HORIZONTAL CROSS SECTION

PREPARED BY: RJA
 SCALE: N.T.S.
 REV: B

DATE: 1/4/13
 DRAWING NO: PELL0029
 SHEET: 11 OF 14

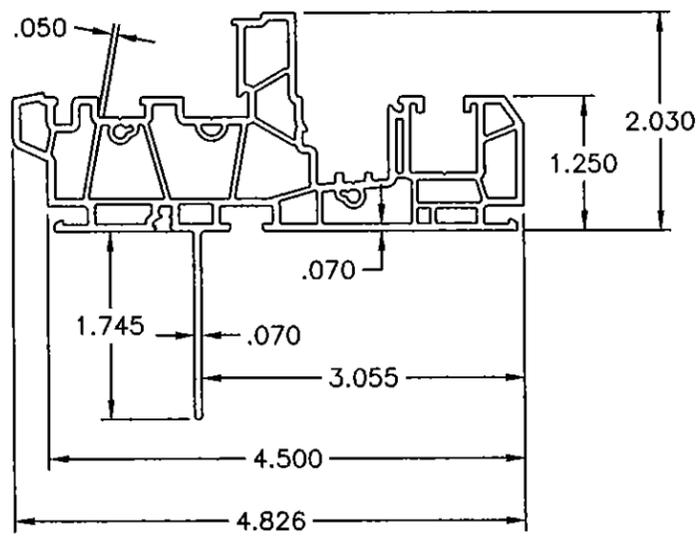
PTC PRODUCT DESIGN GROUP, LLC
 PO BOX 520175
 LONGWOOD, FLORIDA 32752
 Phone: 321.690.1788
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 Email: info@ptc-corp.com

PRODUCT REVISED
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 Expiration Date **03/04/2015**

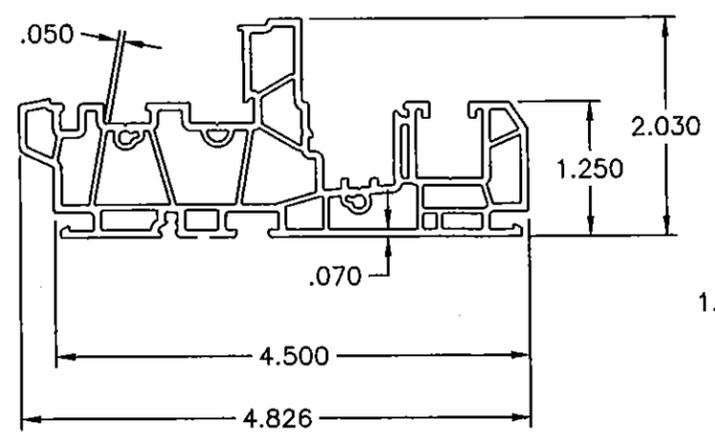
By *Manuel Paez*
 Miami Dade Product Control

Robert J. Amoruso, P.E.
 Florida P.E. No. 49752

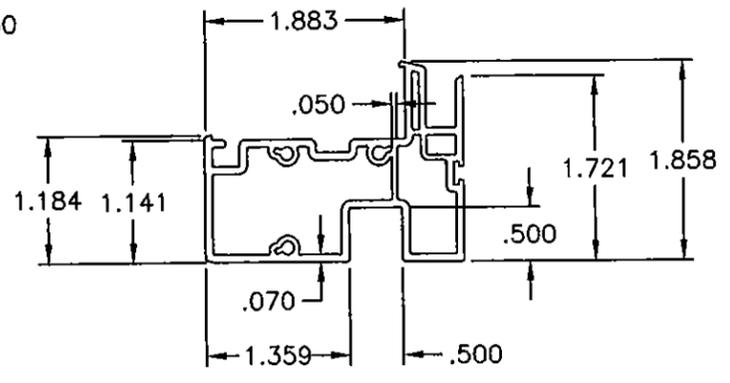
COMPONENT SECTIONS



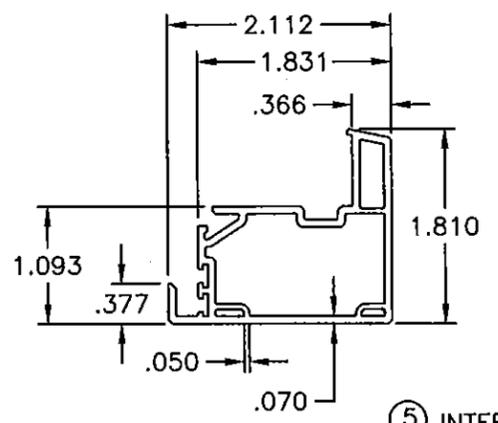
FIN FRAME/HEAD,
SILL OR JAMB
① ② ③



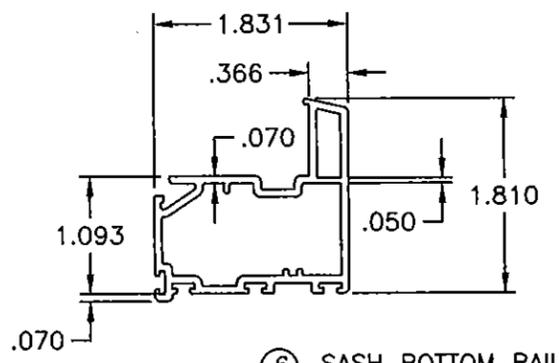
BLOCK FRAME/HEAD,
SILL OR JAMB
① ② ③



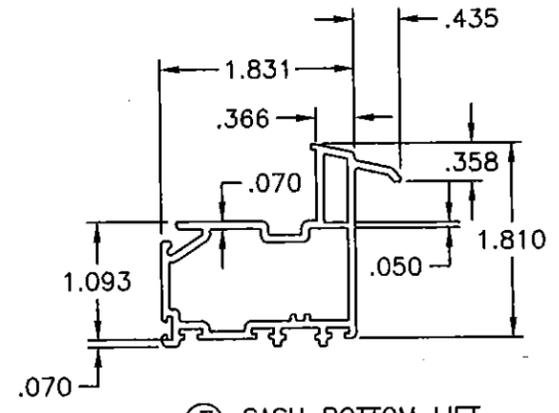
MEETRAIL
④



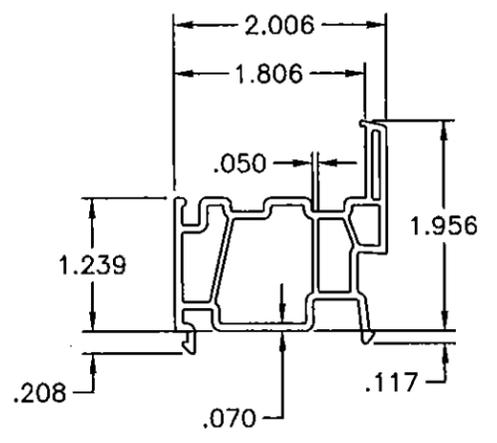
⑤ INTERLOCK RAIL



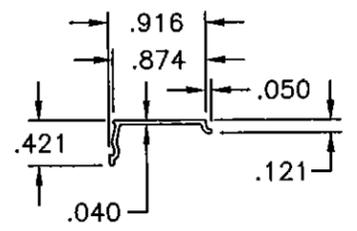
⑥ SASH BOTTOM RAIL &
STILE



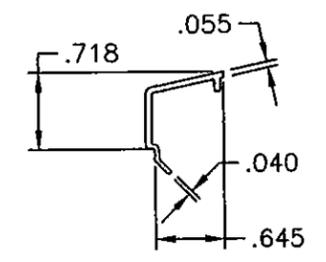
⑦ SASH BOTTOM LIFT
RAIL



⑧ FILLER BAR



⑨ BALANCE COVER



⑩ FRAME GLAZING BEAD

PROJECT # 414-0609

REV	DESCRIPTION	DATE	BY
B	REVISED PER MD COMMENTS	9/28/15	RJA
A	UPDATE TO 5TH EDITION (2014) FBC	3/16/15	RJA

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL SINGEL HUNG WINDOW - IMPACT
COMPONENT SECTIONS

DATE: 1/4/13
DRAWING NO: PELL0029
SHEET: 12 OF 14

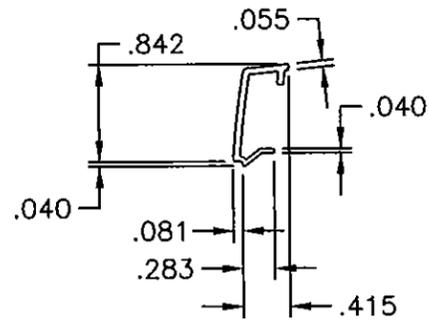
DRAWN BY: RJA
SCALE: N.T.S.
REV: B

PREPARED BY: **PEL**
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
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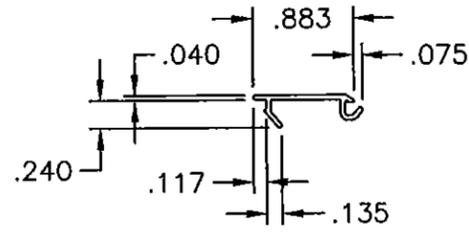
PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. **15-0401.03**
Expiration Date **07/07/2018**
By *Manuel Perez*
Miami Dade Product Control

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

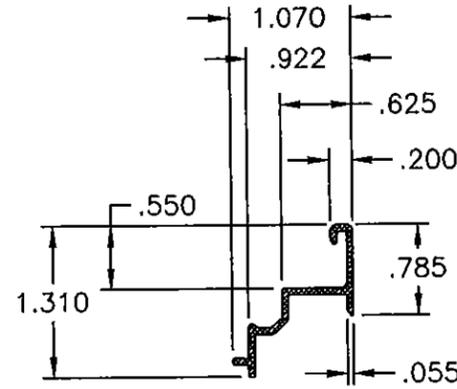
COMPONENT SECTIONS



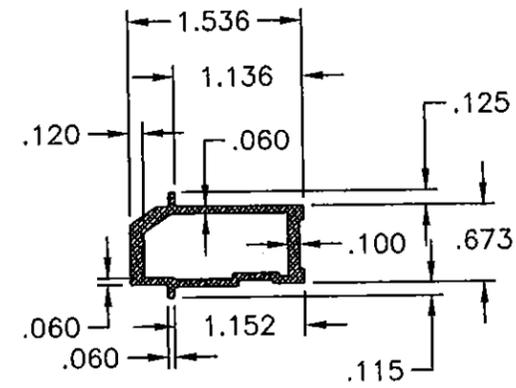
⑪ SASH GLAZING BEAD



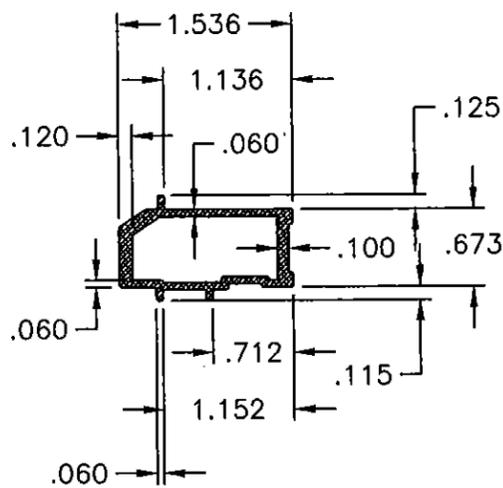
⑫ SILL COVER



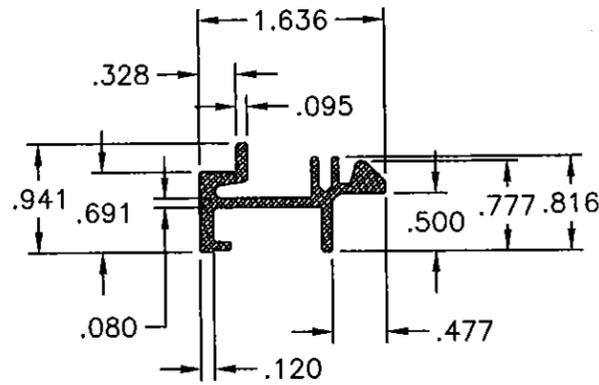
⑬ SILL RISER



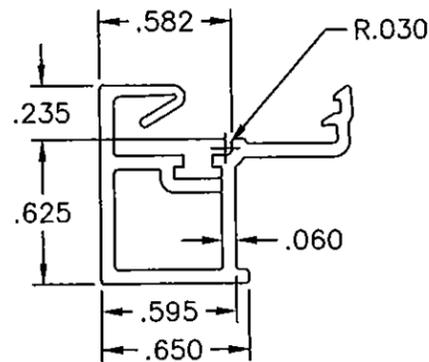
⑭ STILE/BOT. RAIL STIFFENER



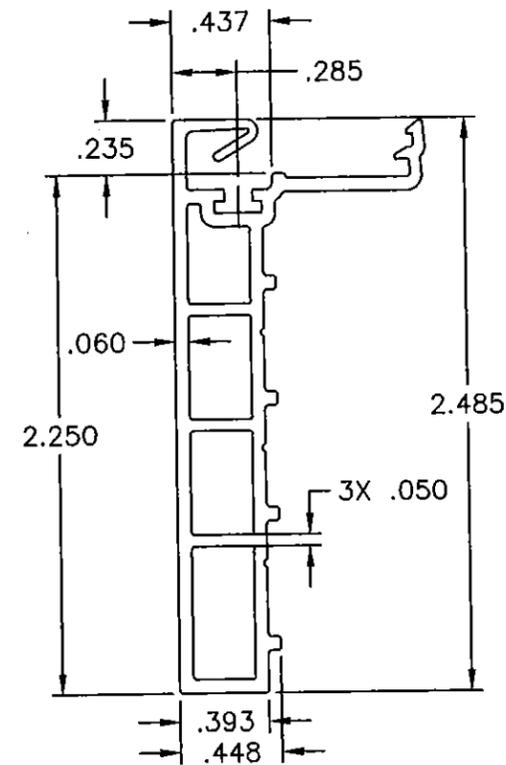
⑮ INTERLOCK STIFFENER



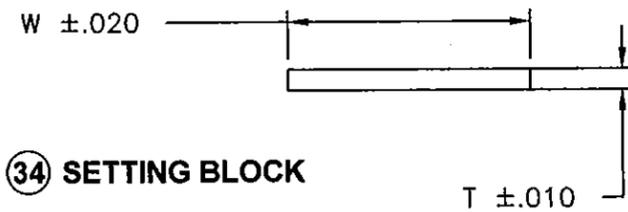
⑯ MEETRAIL STIFFENER



⑮ 5/8" FLANGE (SNAP-ON)



⑮ FLUSH FLANGE (SNAP-ON)



⑮ SETTING BLOCK

MATERIAL: PVC
HARDNESS: SHORE A 80-90,
SHORE D 75-87

WIDTH AND THICKNESS VARY

PROJECT # 414-0609

REV	DESCRIPTION	DATE	BY
B	REVISED PER MD COMMENTS	9/28/15	RJA
A	UPDATE TO 5TH EDITION (2014) FBC	3/16/15	RJA

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL SINGEL HUNG WINDOW - IMPACT COMPONENT SECTIONS

DATE: 1/4/13
DRAWING NO.: PELL0029
SHEET: 13 OF 14

DRAWN BY: RJA
SCALE: N.T.S.
REV: B

PREPARED BY:

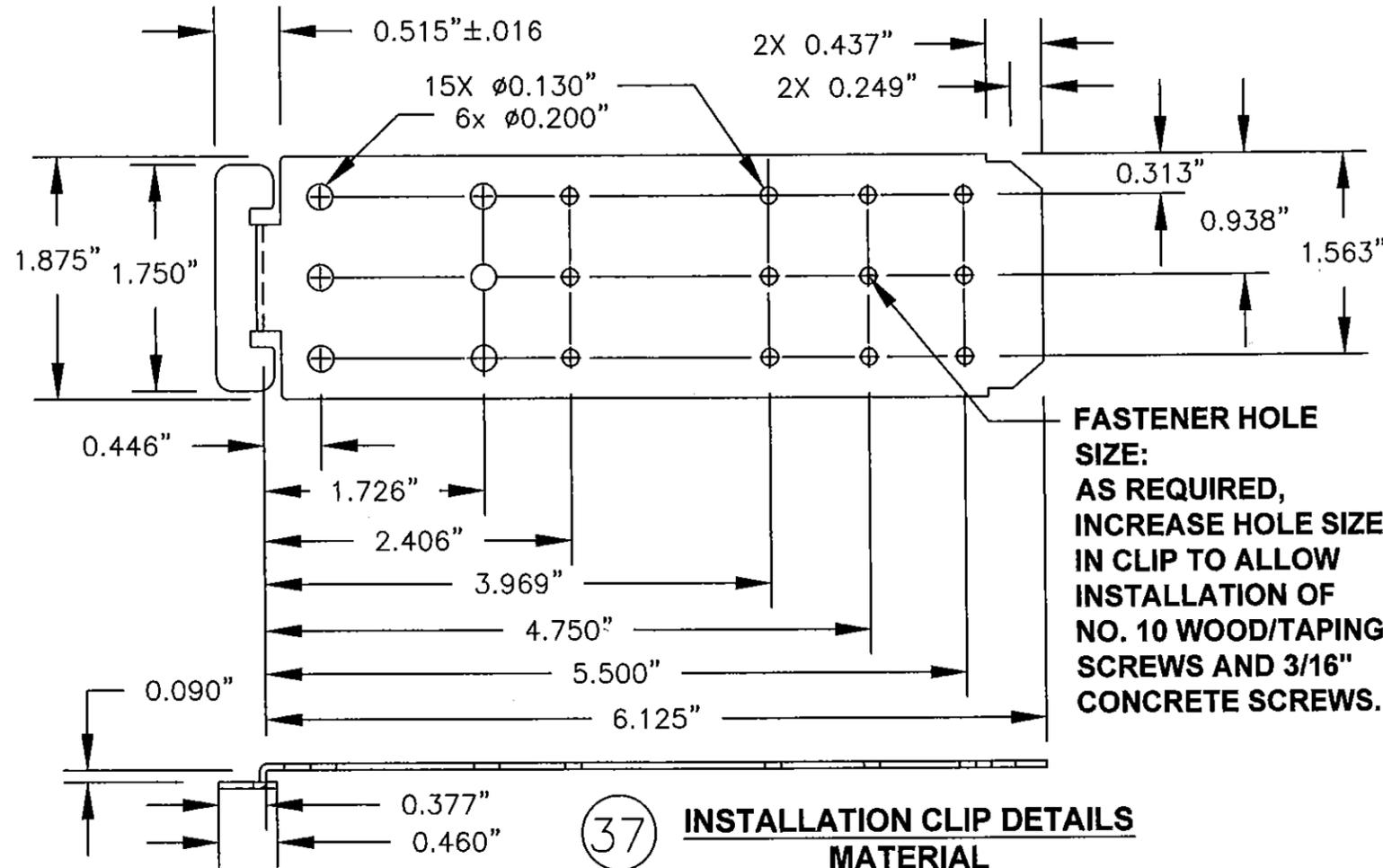
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
Phone: 321.660.1768
Fax: 321.660.1799
Email: info@pdc-usa.com

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. **15-0401.03** Expiration Date **07/04/2018**

By *Manuel Perez*
Miami Dade Product Control

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

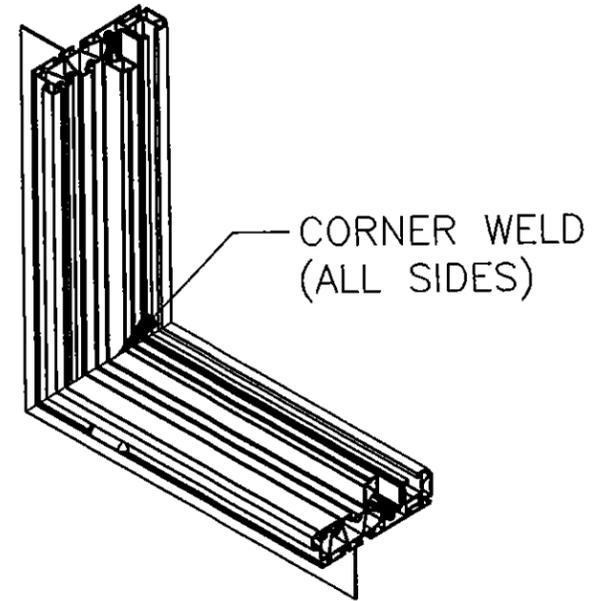
INSTALLATION CLIP DETAIL



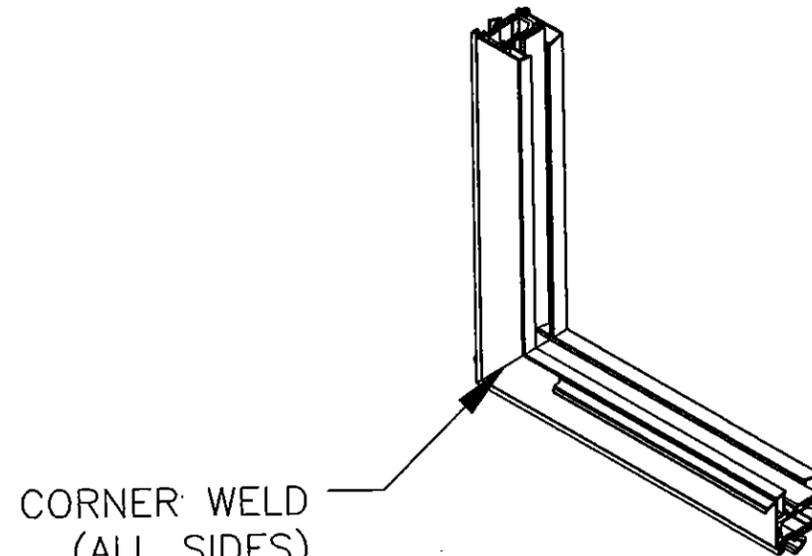
**FASTENER HOLE SIZE:
AS REQUIRED,
INCREASE HOLE SIZE
IN CLIP TO ALLOW
INSTALLATION OF
NO. 10 WOOD/TAPING
SCREWS AND 3/16"
CONCRETE SCREWS.**

**37 INSTALLATION CLIP DETAILS
MATERIAL
.0516 ± 0.003" HOT DIP GALV. SHEET STEEL
ROCKWELL "B" 65 MAX.
ULTIMATE STRENGTH = 55 KSI MIN.
YIELD STRENGTH = 30 KSI MIN.**

CORNER CONSTRUCTION



FRAME CORNER CONSTRUCTION



SASH CORNER CONSTRUCTION

PROJECT # 414-0609	REVISED PER M.D. COMMENTS	DATE	BY
	B	9/28/15	RJA
	A	3/16/15	RJA
UPDATE TO 5TH EDITION (2014) FBC		DATE	BY
DESCRIPTION		REV	
PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219		DATE: 1/4/13	SHEET: 14 OF 14
TITLE: SERIES 350 4-1/2" VINYL SINGEL HUNG WINDOW - IMPACT INSTALLATION CLIP DETAIL & CORNER CONSTRUCTION		DRAWING NO: PELL0029	
PREPARED BY: RJA	SCALE: N.T.S.	REV: B	
PTC PRODUCT DESIGN GROUP, LLC PO BOX 52075 LONGWOOD, FLORIDA 32752 PHONE: 321.690.1788 FAX: 321.690.1789 EMAIL: info@ptc-corp.com			

PRODUCT REVISED
s complying with the Florida
Building Code
Acceptance No. **15-040103**
Expiration Date **07/04/2018**
by *Manuel Perez*
Miami Dade Product Control

Robert J. Amoruso, P.E.
Florida P.E. No. 49752